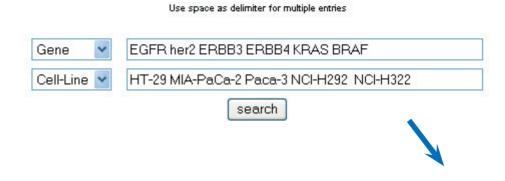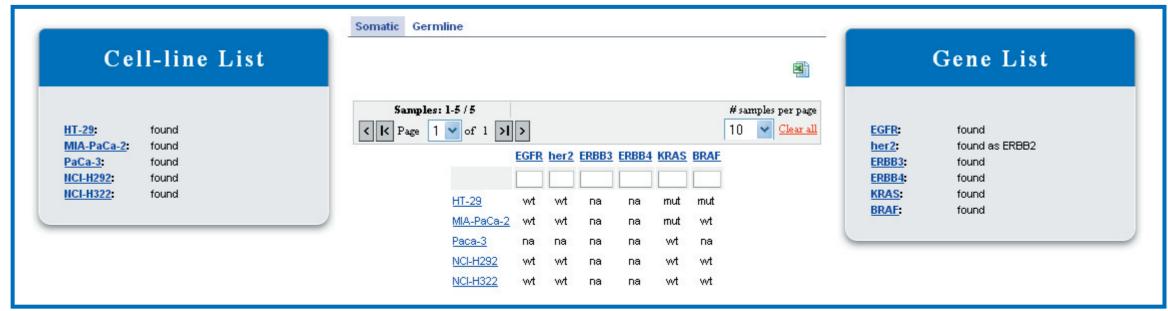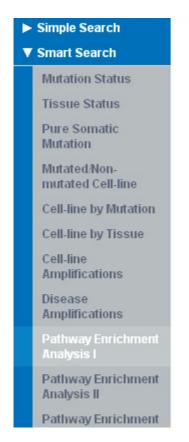# Mutation Status

With this interface you generate a **matrix** giving an overview on the *mutation status* of different genes in different cell-lines.
For each gene / cell-line combination you will see if the gene is *mutated* (mut), *wildtype* (wt), or no data was found in the database (na).

Use space as delimiter for multiple entries

| Gene ▾ | EGFR her2 ERBB3 ERBB4 KRAS BRAF |
| Cell-Line ▾ | HT-29 MIA-PaCa-2 Paca-3 NCI-H292 NCI-H322 |

search

Somatic   Germline

Cell-line List

HT-29:	found
MIA-PaCa-2:	found
PaCa-3:	found
NCI-H292:	found
NCI-H322:	found

Samples: 1-5 / 5

◁ |◁ Page 1 ▾ of 1 ▷| ▷   # samples per page 10 ▾ Clear all

	EGFR	her2	ERBB3	ERBB4	KRAS	BRAF
HT-29	wt	wt	na	na	mut	mut
MIA-PaCa-2	wt	wt	na	na	mut	wt
Paca-3	na	na	na	na	wt	na
NCI-H292	wt	wt	na	na	wt	wt
NCI-H322	wt	wt	na	na	wt	wt

Gene List

EGFR:	found
her2:	found as ERBB2
ERBB3:	found
ERBB4:	found
KRAS:	found
BRAF:	found

Pathway Enrichment Analysis

With this interface you generate a **table** giving an overview on all KEGG pathways with a statistical significant number of *mutated genes* found in samples with the given tissue and histology.

| Tissue ▾ | prostate |
| Histology ▾ | carcinoma |

search

KEGG Pathway name ☐	Pathway group ☐	# mutated genes in Pathway ☐	# mutated genes not in Pathway ☐	# non-mutated genes in Pathway ☐	# non-mutated genes not in Pathway ☐	p-Value ▲
	Show all ▾					
Glioma	cancer type related networks	9	12	1	39	1.3429026403967732E-4
Prostate cancer	cancer type related networks	10	11	2	38	1.661947471010763E-4
Bladder cancer	cancer type related networks	8	13	1	39	4.863132862796124E-4
Regulation of actin						